

ABSTRACT OF THE DISCLOSURE

A packet processing search system can speed up and simplify the management of a search database without slowing down search processing. A processing operation device stores a packet received by a packet reception device in a packet storage device, extracts header information, which is data at the top of packet data, and requests a packet search device to search for processing for the packet. A search processing operation device executes search processing by comparing the provided packet header with search conditions stored in a search data storage device and returns the result to the processing operation device. Based on the result, the processing operation device reads a processing operation for the packet from the packet storage device and processes the packet accordingly.